

Rec'd PCT/PTO 23 AUG 2004

10/505568

## INTERNATIONAL SEARCH REPORT

PCT/IB 02/00556

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04Q7/38 H04Q7/32 H04L12/28

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04Q H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 02 05581 A (ERICSSON TELEFON AB L M ;SKOG ROBERT (SE); PEHRSON STAFFAN (SE)) 17 January 2002 (2002-01-17) abstract page 1, line 11 - line 16 page 2, line 4 - line 12 page 3, line 24 -page 4, line 2 page 6, line 5 - line 35 figures 1,3,4	1-15
Y	WO 01 35585 A (ERICSSON TELEFON AB L M) 17 May 2001 (2001-05-17) abstract page 4, line 25 -page 5, line 23 page 13, line 5 -page 15, line 20 figure 1	1-15
	-/-	

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

\*A\* document defining the general state of the art which is not considered to be of particular relevance

\*E\* earlier document but published on or after the international filing date

\*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

\*Z\* document member of the same patent family

Date of the actual completion of the international search

10 October 2002

Date of mailing of the international search report

22/10/2002

Name and mailing address of the ISA

European Patent Office, P.B. 5618 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel (+31-70) 340-2040, Tx. 31 651 epo nl  
Fax (+31-70) 340-3016

Authorized officer

Rabe, M

## INTERNATIONAL SEARCH REPORT

PCT/IB 02/00556

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A.	WO 00 04732 A (RUZIACK YARON) 27 January 2000 (2000-01-27) abstract page 4, line 11 -page 6, line 24 figures 1,2	1-15
A	WO 01 22662 A (TANTIVY COMM INC) 29 March 2001 (2001-03-29) abstract page 3, line 16 -page 4, line 23 page 6, line 28 -page 8, line 8 figure 1	1-15
A	WO 02 07379 A (KONINKL PHILIPS ELECTRONICS NV) 24 January 2002 (2002-01-24) abstract page 3, line 11 -page 6, line 3 figures 1,3	1-15

# INTERNATIONAL SEARCH REPORT

Information on patent family members

PCT/IB 02/00556

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 0205581	A	17-01-2002	AU WO	7116801 A 0205581 A1	21-01-2002 17-01-2002
WO 0135585	A	17-05-2001	AU EP WO	1652501 A 1228606 A1 0135585 A1	06-06-2001 07-08-2002 17-05-2001
WO 0004732	A	27-01-2000	AU WO	4796199 A 0004732 A1	07-02-2000 27-01-2000
WO 0122662	A	29-03-2001	AU EP NO WO	7082000 A 1214815 A1 20021385 A 0122662 A1	24-04-2001 19-06-2002 16-05-2002 29-03-2001
WO 0207379	A	24-01-2002	WO	0207379 A2	24-01-2002